



United States Department of Agriculture  
National Agricultural Statistics Service



New  
England



# Crop Progress & Condition

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[www.nass.usda.gov/nh](http://www.nass.usda.gov/nh)  
Week ending July 16, 2017

Issued weekly on the internet, April - November  
by the Northeastern Regional Field Office of NASS

[nassrfoner@nass.usda.gov](mailto:nassrfoner@nass.usda.gov)  
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**Good week for field work:** New England averaged 5 days suitable for field work last week. New England states received more rain to dampen their season. Several days of wet weather with warm temperatures were reported throughout the states. Some areas reported hail and thundershowers but no significant crop damage has been reported. Regional average weekly temperatures ranged from 5 degrees below to 5 degrees above normal. Weekly precipitation ranged from 0.05 to 3.52 inches throughout the region. The persistence of rain this season has had a negative impact on crops so far; although yields may generally be up this year, quality is down. While some farmers have continued with their second cutting of hay, several others were reported as still working on their first cutting. Several states described farm stands as 'bursting' with vegetables and fruits due to the abundant precipitation; however, for crops not already harvested pests were becoming an issue. Reports of Spotted Wing Drosophila, Japanese Beetles, and Corn Earworm Moths have been seen damaging crops in the ground. Field crops, especially tomatoes, have been experiencing the beginning stages of plant disease. Corn yields have been down, with some fields varying from shin to waist high stalks. Farmers are hoping to catch a break from the heavy rain this season so they can spray nitrogen in fields without the worry of runoff. Field activities for the week included tillage, side-dressing fields with fertilizer, cultivating, mowing weeds, as well as equipment repair and maintenance.

## Soil Moisture for Week Ending July 16, 2017

(in percent)

Item	Very Short	Short	Adequate	Surplus
TOPSOIL	0	9	77	14
SUBSOIL	0	7	81	12

## Crop Conditions as of July 16, 2017

(in percent)

Item	Very Poor	Poor	Fair	Good	Excellent
APPLES	0	0	6	57	37
BLUEBERRIES, TAME	0	1	12	73	14
CORN	0	4	26	58	12
DRY HAY	0	10	35	49	6
PASTURE & RANGE	0	7	17	64	12
PEACHES	1	2	8	30	59
PEARS	0	0	0	11	89
QUALITY OF DRY HAY MADE	0	23	35	35	7
STRAWBERRIES	0	1	12	56	31
SWEET CORN	0	0	10	74	16

## Crop Progress as of July 16, 2017

(in percent)

Item	This Week	Last Week	Last Year
BLUEBERRIES, TAME: FRUIT SET	95	91	N/A
BLUEBERRIES, TAME: HARVESTED	16	7	15
CRANBERRIES (MA): FULL BLOOM	100	15	86
CRANBERRIES (MA): PETAL FALL	95	10	61
CRANBERRIES (MA): FRUIT SET	80	5	41
DRY HAY: 1st CUTTING	92	87	N/A
DRY HAY: 2nd CUTTING	21	9	42
PEACHES: FULL BLOOM	98	85	N/A
PEACHES: PETAL FALL	92	75	N/A
PEACHES: FRUIT SET	81	58	N/A
PEARS: PINK	100	92	N/A
PEARS: FULL BLOOM	92	82	N/A
PEARS: PETAL FALL	80	66	N/A
PEARS: FRUIT SET	66	54	N/A
STRAWBERRIES: FRUIT SET	95	92	N/A
STRAWBERRIES: HARVESTED	77	59	93

For a complete nationwide weekly weather and crop bulletin, please visit [www.usda.gov/oce/weather](http://www.usda.gov/oce/weather) and click on "[Weekly Weather and Crop Bulletin.](#)"

### July 16, 2017 New England Weekly Weather Summary

		Last Week Weather Summary						Accumulation Since April 1, 2017					
		Temperature				Precipitation		Precipitation			GDD Base 50F		Base 40F
State	Station	Hi	Lo	Avg	DFN	Total	Days	Total	DFN	Days	Total	DFN	Total
Maine	Augusta_State_A	84	53	68	-2	0.33	3	11.81	-1.10	50	990	+36	1884
	Bangor_Intl_Air	82	47	67	-3	0.53	3	15.81	+4.08	48	899	0	1782
	Bethel	80	49	65	-3	0.66	4	17.68	+3.65	49	859	-10	1712
	Bridgton	82	50	65	-2	0.44	4	17.94	+4.20	55	778	-13	1588
	Caribou_Municip	83	47	66	0	0.09	3	14.46	+3.33	61	807	+107	1631
	Dover-Foxcroft	83	47	66	0	0.65	5	14.81	+1.61	57	803	+135	1622
	Durham	84	53	66	-3	0.33	3	14.60	+0.88	54	871	+25	1747
	East_Surry	83	51	65	-3	0.18	3	15.10	+1.70	60	718	-80	1575
	Eustis	82	40	62	-1	1.29	5	15.89	+3.37	53	618	+97	1358
	Frenchville	79	46	63	-2	0.18	2	15.50	+4.02	56	621	-10	1393
	Harmony	82	46	66	-2	1.27	5	15.09	+2.18	56	845	+36	1705
	Hollis	85	49	65	-3	0.43	3	16.68	+2.85	51	854	+25	1690
	Houlton	83	42	65	-1	0.14	4	12.75	+1.28	58	773	+72	1596
	Livermore_Falls	83	52	66	0	0.84	4	13.63	-0.74	53	833	+143	1682
	Millinocket_Wtr	83	44	64	-4	0.18	4	17.61	+4.46	61	723	-82	1507
	Moosehead	77	45	62	-3	0.36	5	18.45	+4.99	64	684	+104	1457
	Portland_ME	83	55	67	-2	0.05	2	14.49	+1.54	44	959	+124	1861
	Rangeley_2NW	77	44	61	-3	1.48	4	15.81	+3.21	63	573	-11	1303
	Topsfield_2	83	49	65	-2	0.25	3	15.46	+2.11	56	801	+59	1632
	Turner	83	50	67	-5	0.36	3	14.33	+0.83	55	915	-132	1784
	West_Rockport	84	55	68	0	0.43	3	15.77	+1.31	53	858	+102	1723
	Whiting	89	45	67	+2	0.10	1	15.52	+0.97	50	770	+179	1674
	Woodland	84	45	67	-1	0.18	4	13.11	+0.39	45	926	+151	1819
New Hampshire	Berlin_AG	80	50	65	-2	1.03	5	16.17	+3.70	58	765	-11	1581
	Bradford_2	84	51	65	-4	0.84	2	18.32	+4.39	39	813	-165	1651
	Colebrook	80	47	63	-3	1.14	5	16.96	+4.31	69	630	-78	1400
	Concord	88	54	68	-2	0.61	4	15.59	+4.45	48	1157	+164	2084
	East_Milford	87	56	68	-3	0.42	4	17.28	+4.03	43	1110	+36	2043
	Epping	85	53	68	-2	0.64	5	15.54	+2.44	49	1067	+68	1977
	Errol_AP	81	47	64	-1	0.78	4	15.79	+3.84	61	656	+44	1426
	Greenville	84	53	67	-1	0.47	3	19.72	+6.60	41	937	+94	1789
	Hancock	85	54	67	-2	1.68	5	17.99	+4.41	54	1052	+127	1943
	Jaffrey_Silver_	84	57	69	+1	0.38	4	16.91	+3.79	46	1104	+261	2026
	Jefferson	82	52	66	-1	0.99	4	16.66	+4.00	60	849	+17	1678
	Keene_AG	84	52	68	-2	1.63	4	20.02	+7.49	50	960	-5	1855
	Lakeport_2	87	56	69	-2	0.56	3	17.55	+4.93	47	1106	+88	2018
	Lebanon	88	56	69	0	0.79	6	16.93	+6.03	56	1129	+196	2057
	North_Conway	84	52	66	-3	0.66	5	18.34	+4.29	53	937	+13	1812
	Tamworth_4	85	48	64	-3	0.61	5	20.30	+5.01	52	755	+24	1579
	Wolfeburro	82	47	66	-5	0.42	4	17.00	+4.38	54	1014	-4	1921
Vermont	Averill	80	42	63	0	0.59	5	14.88	+0.50	50	640	+137	1404
	Bennington_AP	86	55	70	+3	0.63	3	21.13	+5.80	51	1118	+330	2060
	Burlington_Intl	83	59	71	0	0.15	5	17.08	+5.48	61	1270	+216	2206
	Corinth	79	55	64	-3	1.02	4	19.35	+8.43	59	691	-156	1500
	Johnson_2N	78	53	63	-4	1.18	7	19.62	+7.05	68	741	-50	1539
	Marlboro_Raws	80	54	67	0	0.54	3	21.76	+9.71	48	906	+158	1785
	Montpelier_AP	82	54	66	-1	0.42	4	19.05	+8.13	60	867	+20	1717
	Newport_AG	82	50	64	-5	1.54	6	16.38	+3.82	63	822	-165	1645

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		Temperature				Precipitation		Precipitation			GDD Base 50F		Base 40F
State	Station	Hi	Lo	Avg	DFN	Total	Days	Total	DFN	Days	Total	DFN	Total
	Rochester	86	54	66	-1	0.90	4	19.76	+5.52	52	826	+25	1680
	Rutland_AG	83	56	67	-2	0.69	5	15.31	+2.82	55	912	-106	1796
	Springfield_VT	89	53	68	-1	0.92	5	17.53	+3.30	51	1037	+156	1945
	South_Lincoln	80	53	65	0	0.84	4	21.37	+6.27	59	771	+95	1573
	Sutton	78	54	64	-1	1.55	5	18.99	+6.06	67	726	+36	1516
	Walden	78	46	61	-4	0.67	6	17.98	+5.05	71	534	-156	1244
	Woodstock	87	55	68	-1	0.85	4	19.20	+6.60	48	968	+77	1864
Massachusetts	Amherst	84	56	71	0	0.49	5	16.88	+3.24	50	1162	+67	2121
	Barre_Falls_Dam	86	54	69	+1	0.62	5	19.96	+6.35	54	1122	+289	2065
	Bedford_Hanscom	87	58	70	-2	3.27	5	17.78	+4.55	47	1269	+157	2228
	Beverly_Ag	84	57	69	-4	0.57	4	18.39	+6.43	51	1037	-115	1948
	Birch_Hill_Dam	87	54	67	-1	0.25	3	15.70	+2.41	49	1035	+192	1938
	Boston_Logan_In	87	59	71	-3	1.64	4	15.61	+4.13	45	1320	+83	2307
	Chatham_AP	81	62	72	+4	0.13	2	12.77	+0.06	44	1035	+240	2012
	Chicopee_Westov	88	55	72	+1	0.92	4	14.43	+0.79	49	1292	+197	2261
	Edgartown	81	60	71	0	0.27	4	15.55	+2.88	45	1039	+65	2025
	East_Brimfield_	88	56	71	+1	0.95	7	16.79	+3.48	60	1117	+133	2062
	Fitchburg	89	59	72	0	0.40	5	15.88	+1.88	47	1402	+268	2375
	Greenfield	85	55	70	-1	0.72	5	18.37	+4.73	47	1133	+38	2091
	Hyannis_AP	82	61	72	+1	0.44	2	16.12	+4.65	45	1101	+158	2076
	Lawrence_AP	89	59	72	0	0.41	5	15.19	+2.40	42	1441	+346	2413
	Maynard	87	53	71	-1	1.27	5	18.69	+5.46	53	1283	+171	2266
	New_Bedford	85	58	71	-3	0.34	4	15.81	+2.21	49	1155	-45	2130
	North_Adams_Har	84	54	70	+3	0.31	4	15.61	-0.30	51	1099	+289	2039
	Norwood	87	53	70	-3	0.49	4	14.27	+1.66	45	1301	+137	2291
	Pittsfield	83	53	69	0	0.43	5	16.08	+1.08	53	1018	+86	1934
	Plymouth	84	59	71	-1	0.54	4	16.77	+3.26	50	1185	+85	2143
	Taunton_4NW	86	57	71	-1	1.37	4	17.90	+5.07	52	1286	+167	2264
	Westfield_Barne	89	55	73	+4	0.67	3	14.10	+0.07	46	1308	+375	2281
	West_Otis	87	54	72	+4	1.03	5	15.26	-0.93	57	1238	+362	2199
	Worcester	83	54	68	-2	0.45	5	15.72	+1.39	52	1102	+110	2025
	Worthington	84	52	67	-1	0.91	5	17.90	+2.81	55	886	+34	1769
Rhode Island	Newport_AP	84	60	72	+1	0.51	5	15.65	+3.44	50	1126	+135	2122
	Providence	86	59	73	-1	1.67	5	20.06	+7.46	51	1379	+152	2386
	Westerly-Wester	88	60	74	+2	0.79	5	15.22	+2.08	47	1237	+156	2248
	Woonsocket	86	57	71	-1	1.61	5	18.71	+5.18	49	1277	+136	2261
Connecticut	Bridgeport_Siko	91	62	76	+2	1.02	3	14.83	+1.48	46	1527	+268	2567
	Danbury_AP	88	56	72	-1	1.12	4	14.09	-1.37	48	1243	+23	2219
	Hartford_Bradle	89	59	74	0	3.52	5	16.49	+2.66	50	1427	+111	2425
	Meriden-Meriden	90	57	73	0	1.49	5	14.18	-1.64	45	1348	+199	2358
	Norfolk	84	55	69	+1	0.60	4	15.74	-0.45	55	982	+106	1881
	Norwich	92	60	74	+1	1.25	4	17.84	+3.88	44	1382	+147	2391
	Staffordville	87	55	69	-1	1.62	5	15.48	+1.08	44	1018	+6	1938
	Thomaston_Dam	93	54	72	+1	0.95	7	17.29	+2.32	64	1266	+230	2253
	West_Thompson_L	88	56	71	+1	1.99	5	18.47	+3.98	54	1137	+119	2083
	Willimantic	90	58	75	+5	2.38	5	15.50	+1.10	49	1490	+478	2503

Summary based on NWS preliminary data. DFN = Departure From Normal.  
Precipitation (rain or melted snow/ice) in inches.  
Air Temperatures in Degrees Fahrenheit.

## REPORTERS COMMENTS, By County

*Reporters are from Extension Service (Ext), Natural Resources Conservation Service (NRCS), Farm Service Agency (FSA), Conservation District (CD), farmers, commodity specialists, or other knowledgeable individuals.*

### CONNECTICUT

LITCHFIELD, Richard Meinert

Normally wet fields are finally drying out so first cutting can be completed. Finally, corn is growing rapidly with some heat and sunshine. PSNT test results are running lower than normal due to denitrification and leaching of N.

WINDHAM, Alicia Mott

Scattered thunderstorms throughout the week produced locally heavy rain, with some areas seeing 4" to 4.5". Producers are picking blueberries, raspberries, broccoli, kale, garlic, and green beans. Second cutting of hay continues, and field corn is growing well despite late planting in some areas due to wet conditions.

### MAINE

CUMBERLAND/YORK, Sandy Truslow

Highbush blueberries and raspberries are starting to be picked. A wide variety of vegetables are becoming available at farm stands, (summer squash, cukes, onions, early corn). Haymaking slowed down due to several days of unsettled, cool weather.

FRANKLIN, Gary J. Raymond

Lots of hay down and ready to go. Producers are hoping to dodge thunder showers. All crops are growing well.

PENOBSCOT/PISCATAQUIS, Donna Coffin

Spotty rain showers challenged haymaking. Farm stands are filling up with more and more vegetables.

### MASSACHUSETTS

ALL MA COUNTIES, Tom Smiarowski

Spotted Wing Drosophila (SWD) is being found/reported at moderate levels in all counties across Massachusetts. SWD is earlier by 2 weeks than in previous years. Sweet corn harvest underway along with a variety of vegetable crops. Strawberry harvest just about completed. Early peaches are being harvested.

HAMPSHIRE/HAMPDEN, Heather Baylis

Producers are concerned that conditions are getting too soggy and wet. Farm stands are bursting. Raspberries have started and blueberries are soon to follow. Some sweet cherries are out. Crops on the stands: radishes, scallions, early carrots, greens, beets, peas, zucchini and yellow.

PLYMOUTH, Erika Saalau Rojas

Some cranberry cultivars, particularly 'Stevens' are exhibiting lingering bloom this year. Fruit set is coming along and so far things look good.

### NEW HAMPSHIRE

CARROLL, Olivia Saunders

Intermittent rains keep delaying hay harvests. Strawberry season winding down as raspberries come into picking. Blueberries (wild and tame) starting to blue up, although reports of mummy berry are still coming in as fruits turn pink not blue. Growers are picking lettuces, arugula, zucchini, summer squash, herbs, tomatoes, cucumbers, fennel, peas, garlic scapes, raspberries.

CHESHIRE, Carl Majewski

Muggy weather all week, with cooler temperatures and overcast skies Thursday and Friday. Corn continues to grow well during the warm weather, and some is almost caught up to where it ought to be. Grass growth continues with abundant soil moisture, but harvesting dry hay continues to be a challenge. PYO strawberries done, blueberries and raspberries beginning.

GRAFTON, Steven Schmidt

For the week ending July 16, periodic rain showers continued to frustrate farmers trying to make hay. The beginning of the week produced smaller rain events on three different days. Total rainfall for the week was just under 1 inch. Sandy soils drained quickly, while many poorer drained upland soils remain too wet to get onto and hay. Often times hay fields look like a checker board as farmers harvest hay where they can, leaving the wet spots for another time. Hay quality continues to be a concern for most farms. Feed that is late cut due to wet soils or rain, will have minimal value. Field corn is generally looking better, but still has some catching up to be where farmers would like to see it for this time of year. Vegetable operations are offering a selection of seasonal produce for the public. Many of the roads that were damaged in the July 1<sup>st</sup> flash runoff event have been re-opened. A few roads in Orford and surrounding communities are still limited to local traffic, but highway crews have been making good progress, under some difficult conditions. Be patient and cautious as you travel through these work areas.

**HILLSBOROUGH, George Hamilton**

"PEST ALERT" Spotted Wing Drosophila (SWD) trap numbers in southern New Hampshire continues to rapidly increase and is very concerning. Growers need to closely monitor trap and continue to check brambles, blueberries, strawberries, peaches and grapes for damage. Unless growers monitor & protect their crops, we expect significant injury. Fruit: strawberry harvest is over and growers are starting to renovate strawberry beds. Blueberry and raspberry harvest continues. Harvesting first peaches are a week away. Sweet cherry harvest is over. Fruit growers are monitoring pest and crop development and apply sprays for pest control. Also, growers are training young fruit trees along with mowing orchard floors. Apple scab seen marginal grown orchards and home gardener orchards, some cases are severe. Seen first Japanese beetle adults in fruit crops. Vegetables: very good demand for produce at most local farmers markets and farm stands. Farmers kept busy harvesting, cultivating, hoeing weeds, monitoring pest pressures, spraying pesticides for insects and diseases. Growers are harvesting an array of vegetables including: beans, beets, broccoli, cabbage, cucumbers, greens, lettuce, potatoes, radishes, snap beans and summer squash. Seeing high numbers of squash vine borers in traps during week. We have seen Corn Earworm Moths in traps, but low numbers to no Fall Armyworm Moths. Field crops: lots of dry hay was made during pass week. Quality of first dry bale hay cutting is poor because of lateness and over-mature. Second hay crop is looking good. Silage corn is rapid growing.

**ROCKINGHAM, Nada Haddad**

Harvesting blueberries, raspberries, cherries, potato, sugar snap, peas, zucchini, summer squash, cukes, tomatoes and cherry tomatoes, green cabbage, radishes, turnip, Greens, arugula, baby kale, lettuce, garlic scapes, many types of herbs and cut flowers. Thinning apples and mowing; monitoring pests in fruits and vegetable fields; weeding vegetables fields, side-dressing. Finishing trellising field tomatoes and mulching. Renovating strawberry beds. Haying. Beginning of the week nice and hot and mid-week mist to heavy rain and cold temperature.

## **RHODE ISLAND**

**ALL RI COUNTIES, Heather Faubert**

Wet. See a lot of plant diseases, especially tomatoes.

**ALL RI COUNTIES, George Goulart**

This week scattered storms have occurred throughout the state causing flooding and hail damage in some areas. Top soil is very wet due to the amount of rain received. More dry days are needed for steady growth to vegetable crops. Beginning to see plant disease set in due to the high moisture levels.

## **VERMONT**

**ALL VT COUNTIES, Terence Bradshaw**

Most growers are in between flights of major insects; apple maggot is building in a few spots and second generation codling moth will be managed soon. Diseases are generally being kept in-check well in managed orchards, but unsprayed or low-input systems show considerable scab and rust. Grape growers are shifting toward management of downy and powdery mildews, and powdery has been observed on some fruit clusters in several vineyards. Canopy management to improve airflow and sun exposure is critical now.

**BENNINGTON/RUTLAND, Tina Williams**

Continued rain makes dry hay making almost non-existent. Corn needs heat and sun to shoot up. Blueberries and other fruit are plentiful.

**FRANKLIN, Paul Stanley**

The very wet week in Franklin County has kept any field activity at a standstill. Corn is quickly moving to "take what you can get mode" with field conditions too soggy for N applications that will only wash away to the streams. Above speaks for any hopes of hay harvest this week. Gardens are also soggy, however, they are growing like gangbusters. Berries that are high above ground are out of this world with much juice and sugars.

**LAMOILLE, Heather Mateja**

More Rain, but very spotty. Still some first cut in the fields.

**ORLEANS, David Blodgett**

Most of last week brought daily rain showers to the area. This has made field work very difficult. Most fields are very wet and rutted where hay has been harvested. Hay yields are good with all of the moisture but quality has suffered. The corn crop looks varied as well. Currently the prediction is 25% lower than average. One corn grower said he has corn ranging from shin to waist high. For this past week field work included some second cut haylage harvested, some side dress N applied to corn and manure spreading. Fortunately we have managed to avoid some of the stronger thunderstorms that have been occurring south of us. We also have seen very little flooding despite the wetter than normal conditions.